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Abstract

Method for exciting and determining a luminescence in an analyte sample which is located in contact with the waveguiding layer of an optical layer waveguide, wherein the luminescence is generated by non-evanescent excitation in the volume of the analyte sample, and the luminescence radiation generated in the immediate proximity of the surface of the waveguiding layer is conducted to the measuring device and determined after penetrating said waveguiding layer.

Figure 2

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